

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listing of claims in this application.

Please amend the claims to read as follows:

1. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
2. (Currently Amended) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
3. (Canceled).
4. (Previously Presented) The method according to anyone of claims 1 and 2 wherein the amount of adenosine 5'-triphosphate or adenosine 5'-monophosphate or adenosine is about 0.05-50 milligrams/kg of body weight per 24 hours and said administering is oral or sublingual.
5. (Previously Presented) The method according to anyone of claims 1 and 2 wherein the amount of adenosine 5'-triphosphate or adenosine 5'-monophosphate or adenosine is about 0.05-50 milligrams/kg of body weight per 24 hours and administering is topical.
6. (Previously Presented) The method according to anyone of claims 1 and 2 wherein the amount of adenosine 5'-triphosphate or adenosine 5'-monophosphate or adenosine is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.

7. (Previously Presented) The method according to anyone of Claims 1 and 2 wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is oral or sublingual.
8. (Previously Presented) The method according to anyone of Claims 1 and 2 wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is topical.
9. (Previously Presented) The method according to anyone of Claims 1 and 2 wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-10 milligrams/kg of body weight per 24 hours and administering is by injection.
10. (Currently Amended) The method according to anyone of claims 1 and 2 wherein caffeine is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
11. (Currently Amended) The method according to anyone of claims 1 and 2 wherein theophylline is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
12. (Previously Presented) The method according to Claims 1 or 2 wherein said adenosine 5'-triphosphate is administered in the form of the disodium salt of adenosine 5'-triphosphate.
13. (New) The method of anyone of claims 1 and 2 wherein a composition comprising of magnesium 2+ compound and adenosine 5'-monophosphate and/or adenosine 5'-triphosphate is administered to said human suffering from

overweight and/or obesity as pharmaceutically acceptable salts thereof, chelates thereof, metal complexes thereof or liposomes thereof.